## REMARKS

In the present Amendment, Claim 1 has been amended to delete the recitation of

heterocyclic group (B) and to recite that n and l are one or more. Section 112 support for the

amendment is found, for example, at page 43, lines 12-13 of the specification. No new matter

has been added, and entry of the Amendment is respectfully requested.

Claims 1 and 3-24 are pending.

In paragraph No. 6 of the Action, Claims 1 and 3-24 have been rejected under 35

U.S.C. § 103(a) as allegedly being unpatentable over Kreuder et al (US 5,814,244).

Applicants submit that this rejection should be withdrawn because Kreuder et al does not

disclose or render obvious the present invention.

Claim 1 as amended relates to a polymer compound comprising a repeating unit of

formula (1) or formula (2):
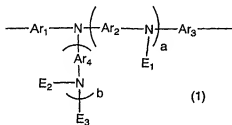
wherein Ar_1, Ar_2, Ar_3 and Ar_4 each independently represent an arylene group or a divalent

heterocyclic group; E_1, E_2, and E_3 each independently represent an aryl group (A) as defined in

Claim 1; a and b each independently represent 0 or 1, and a+b=1.
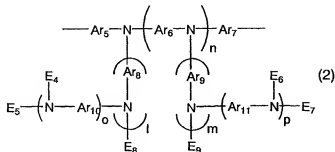
wherein Ar_5, Ar_6, Ar_7, Ar_8, Ar_9, Ar_{10} and Ar_{11} each independently represent an arylene group or a

divalent heterocyclic group; E_4, E_5, E_6, E_7, E_8 and E_9 each independently represent an aryl group

or a monovalent heterocyclic group; l, m and n each independently represent an integer of 0 to 2;

o and p each independently represent an integer of 0 or 1, *l and n are one or more*, and

l+m+n+o+p is 2 or more.

The Examiner acknowledges that Kreuder et al does not teach or suggest a polymeric

compound comprising a repeating unit of formula (1) as defined in present Claim 1, but notes

that Kreuder et al's polymer of formula (I) comprises a repeating unit of formula (2) as defined

in present Claim 1.

Kreuder et al discloses in formula(I) (n = 1 or 2) polymers comprising a repeating unit

which corresponds to present formula (2) wherein *n = l or 2* and each of *l*, m, o and p *is 0*. See,

col. 7, lines 38-58 of Kreuder et al.

However, Kreuder et al fails to disclose or suggest a repeating unit of present formula (2)

wherein *l and n are one or more* as recited in present Claim 1 as amended. Therefore, the

present claims are not anticipated by or obvious over Kreuder et al.

In view of the above, reconsideration and withdrawal of the §103(a) rejection based on

Kreuder et al are respectfully requested.

In paragraph No. 7 of the Action, Claims 1, 3-5 and 10-24 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Lamansky et al (US 2004/0004433).

Applicants submit that this rejection should be withdrawn because Lamansky et al does not disclose or render obvious the present invention.

Lamansky et al discloses in Formula(30) a polymer comprising a repeating unit which corresponds to present formula (2) wherein $n = 2$ and each of l, m, o and p *is 0*. See, page 9 of Lamansky et al.

However, Lamansky et al fails to disclose or suggest a repeating unit of present formula (2) wherein *l and n are one or more* as recited in present Claim 1 as amended. Therefore, the present claims are not anticipated by or obvious over Lamansky et al.

In view of the above, reconsideration and withdrawal of the §103(a) rejection based on Lamansky et al are respectfully requested.

In paragraph No. 8 of the Action, Claims 1, 3-10 and 12-24 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Towns et al (US 2001/0037012).

Applicants submit that this rejection should be withdrawn because Towns et al does not disclose or render obvious the present invention.

Towns et al discloses in formula (15) a polymer comprising a repeating unit which corresponds to present formula (1) wherein a=1, b=0, each of Ar_1-Ar_3 is an arylene group, and *each of E_1 and E_3 is a heterocyclic group.*

However, Towns et al fails to disclose or suggest polymers comprising a repeating unit of present formula (1) wherein *each of E_1 and E_3 is an aryl group (A)* as recited in present Claim 1 as amended.

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Further, Towns et al fails to disclose or suggest a repeating unit of present formula (2) wherein *l and n are one or more* as recited in present Claim 1 as amended.

Therefore, the present claims are not anticipated by or obvious over Towns et al. Reconsideration and withdrawal of the §103(a) rejection based on Towns et al are respectfully requested.

In paragraph No. 9 of the Action, Claims 1, 3-5, 10, 13-18 and 21-24 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Wu et al (WO 98/06773).

Applicants submit that this rejection should be withdrawn because Wu et al does not disclose or render obvious the present invention.
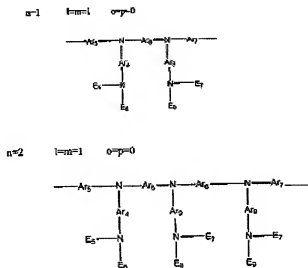
The Examiner asserts that Wu et al's poly(arylamine) of Formula (I) wherein each x is 1 has the same structure as a polymer compound comprising a repeating unit represented by present formula (2) wherein *n is 1 or 2*, each of *l and m is 1*, and each of o and p is 0.

Applicants respectfully disagraee.

The repeating unit of Wu et al's poly(arylamine) of Formula(I) wherein each x is 1 is:
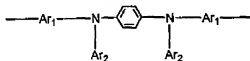
In contrast, the repeating units of present formula (2) wherein *n = 1 or 2*, each of *l and m is 1* and each of o and p is 0 are as follows:

Accordingly, the repeating unit of Wu et al's poly(arylamine) wherein each x is 1 differs from the repeating units of the present invention as depicted above at least in that the Wu et al's repeating unit lacks a side chain represented by $-NE_5E_8$ or $-NE_7E_9$.
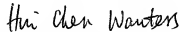
That is, the repeating unit of Wu et al's poly(arylamine) wherein each x is 1 has the same structure as the repeating unit represented by present formula (2) wherein *n is 1*, each of *l* and *m* *is 0* and each of o and p is 0. Wu et al fails to disclose or suggest a repeating unit of present formula (2) wherein *l and n are one or more* as recited in the present Claim 1 as amended. Therefore, the present claims are not anticipated by or obvious over Wu et al.

In view of the above, reconsideration and withdrawal of the §103(a) rejection based on Wu et al are respectfully requested.

Allowance is respectfully requested. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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